

2016 Soybean Top 30 Harvest Report

Delaware Maryland North [DMNO] PRESTON
Roger Schmick, Caroline County, MD 21655



Test by: Mid-Atlantic Independent Tech. Svcs., Mount Joy, PA

PREV. CROP/HERB: Sorghum / Dual, Prowl
SOIL DESCRIPTION: Ingleside loamy sand, mod. well drained, irrigated
SOIL CONDITIONS: Mod. High P, moderate K, 6.1 pH, 1.9 % OM
TILLAGE/CULTIVATION: Minimum w/o fall till
PEST MANAGEMENT: Surveil, Roundup, Credit Extra
SEEDED - RATE - ROW: Jun 10 175,000 /A 15" Spacing
HARVESTED - STAND: Oct 26 159,700 /A

All-Season Test
Maturity Group 3.4 - 4.3
S2016DMNO01

Top 30 of 36
For Gross Income (Sorted by Yield)
Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Seed Trt.†	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me	74.7	12.3	6	167.3	\$721
Hubner	H42-13R2	RR2Y	4.2	R	ACi	71.6	11.9	5	164.9	\$691
Asgrow	AG38X6 §	RRX	3.8	R	ACi	70.7	12.5	4	160.3	\$682
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI	70.7	12.0	5	158.0	\$682
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me	70.3	12.1	3	160.3	\$678
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi	69.8	12.5	14	146.4	\$674
Pioneer	P36T86R §	RR	3.6	R	EE,G	69.0	12.1	4	155.7	\$666
Asgrow	AG40X6 §	RRX	4.0	R	ACi	68.6	12.1	4	153.3	\$662
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi	68.4	12.6	3	155.7	\$660
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	ACi	67.8	12.3	11	164.9	\$654
TA Seeds	TS3966R2XS	RRX,ST	3.9	MR	TE	67.7	12.4	10	160.3	\$653
Channel	3816R2X/SR	RRX,ST	3.8	R	ACi	66.8	12.5	9	148.7	\$645
Mycogen	5N424R2	RR2Y,ST	4.2	R	CCB	66.4	11.7	0	151.0	\$641
Mid-Atlantic	MAS4535	RRX,ST	4.5	MR	ACi	66.2	12.6	4	164.9	\$639
TA Seeds	TS4469R2S	RR2Y,ST	4.4	R	TE	64.7	12.2	6	162.6	\$624
Doebblers	RPM DB3817R^	RR	3.8	R	DPHB	64.5	11.9	4	158.0	\$622
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI	64.3	12.5	12	164.9	\$620
Mycogen	5N433R2	RR2Y	4.3	R	CCB	64.2	11.7	11	160.3	\$620
Channel	4116R2X	RRX	4.1	MR	ACi	64.0	12.2	6	164.9	\$618
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me	63.8	12.1	5	169.6	\$616
Hubner	H47-16R2X	RRX,ST	4.7	R	ACi	63.7	12.1	16	158.0	\$615
Pioneer	P35T58R §	RR	3.5	R	EE,G	63.6	12.3	4	158.0	\$614
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi	63.1	12.0	4	169.6	\$609
Channel	3417R2X	RRX	3.4	R	ACi	63.0	12.3	6	158.0	\$608
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi	62.4	12.5	12	158.0	\$602
Asgrow	AG36X6 §	RRX	3.6	R	ACi	62.3	12.4	2	155.7	\$601
Mycogen	5N387R2	RR2Y	3.8	R	CCB	62.3	12.6	7	158.0	\$601
Stine	43RE02 §	RR2Y	4.3	R	SFI	61.7	11.6	6	158.0	\$595
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi	61.3	12.3	3	160.3	\$592
Pioneer	P34T90PR §	RR,P	3.4	R	n/a	60.8	12.6	6	162.6	\$587

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Averages =	64.6	12.2	6	159.7	\$624
LSD (0.10) =	7.0	0.5	6		
LSD (0.25) =	4.9	0.4	4		
C.V. =	8.0			Prev. years avg. yield, 58.9 bu/a, 6 yrs	

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.65 GMO; \$9.65 non-GMO

TEST COMMENTS: Roger reported that it was a pretty much normal year, except for the 7.5 inches of rainfall received in July. Soybeans emerged nicely and stands were excellent. Although summer days were hot, rainfall and irrigation helped prevent this crop from experiencing stress. Some varieties got extremely tall and lodging was an issue. Very little pod shatter at harvest. Overall test rating is 8 out of 10. (10=best)

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 10/28/2016 Revised:

2016 Soybean - Delaware Maryland North [DMNO]

All-Season Test Products (36 Total)

Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt	Company/Brand	Product/Brand	Technol.	Mat.	SCN	Seed Trt
Asgrow	AG36X6 §	RRX	3.6	R	ACi						
Asgrow	AG38X6 §	RRX	3.8	R	ACi						
Asgrow	AG40X6 §	RRX	4.0	R	ACi						
Channel	3417R2X	RRX	3.4	R	ACi						
Channel	3617R2X	RRX	3.6	R	ACi						
Channel	3816R2X/SR	RRX,ST	3.8	R	ACi						
Channel	4116R2X	RRX	4.1	MR	ACi						
Doebler	RPM DB3517R^	RR	3.5	R	DPHB						
Doebler	RPM DB3817R^	RR	3.8	R	DPHB						
Doebler	RPM DB4214SR^	RR,ST	4.2	R	DPHB						
Hubner	H37-14R2/STS	RR2Y,ST	3.7	MR	ACi						
Hubner	H38-16R2X	RRX,ST	3.8	R	ACi						
Hubner	H42-13R2	RR2Y	4.2	R	ACi						
Hubner	H47-16R2X	RRX,ST	4.7	R	ACi						
Mid-Atlantic	MAS3465	RRX	3.4	MR	ACi						
Mid-Atlantic	MAS3674	RRX	3.6	MR	ACi						
Mid-Atlantic	MAS3855	RRX,ST	3.8	MR	ACi						
Mid-Atlantic	MAS4355NRR2/STS	RR2Y,ST	4.3	MR	ACi						
Mid-Atlantic	MAS4535	RRX,ST	4.5	MR	ACi						
Mycogen	5N387R2	RR2Y	3.8	R	CCB						
Mycogen	5N414R2	RR2Y,ST	4.1	R	CCB						
Mycogen	5N424R2	RR2Y,ST	4.2	R	CCB						
Mycogen	5N433R2	RR2Y	4.3	R	CCB						
NK Brand	S38-W4 §	RR2Y	3.8	R	CCB,Me						
NK Brand	S39-C4 §	RR2Y	3.9	R	CCB,Me						
NK Brand	S42-P6 §	RR2Y	4.2	R	CCB,Me						
Pioneer	P34T90PR §	RR,P	3.4	R	n/a						
Pioneer	P35T58R §	RR	3.5	R	EE,G						
Pioneer	P36T86R §	RR	3.6	R	EE,G						
Stine	35RF02 §	RR2Y,ST	3.5	R	SFI						
Stine	41RH22 §	RR2Y,ST	4.1	R	SFI						
Stine	43RE02 §	RR2Y	4.3	R	SFI						
TA Seeds	TS3759R2	RR2Y	3.7	R	TE						
TA Seeds	TS3966R2XS	RRX,ST	3.9	MR	TE						
TA Seeds	TS4276R2XS	RRX,ST	4.2	MR	TE						
TA Seeds	TS4469R2S	RR2Y,ST	4.4	R	TE						

Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2® brand seed is distributed by NuTech Seed, LLC. RPM® brand seed is distributed by Doeblers PA Hybrids, Inc. Supreme EX® brand seed is distributed by Seed Consultants, Inc. VPMaxx® brand seed is distributed by AgVenture, Inc. XL® brand seed is distributed by Beck's Superior Hybrids. Curry®, G2®, HPT®, RPM®, Supreme EX®, VPMaxx® and XL® are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

LL	LibertyLink®
None	Conventional, non-GMO
P	Plenish®
RR	glyphosate tolerant
RR2Y	Genuity® Roundup Ready 2 Yield®
RRX	Genuity® Roundup Ready 2 Xtend®
ST	sulfonylurea tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

n/a	info unavailable	IL	ILeVO®
AC	Acceleron® fungicide products	In	Intego™ Solo
ACi	Acceleron® fungicide and insecticide products	IS	Intego™ Suite
AG	ArmourGuard™	MAG	Maximum ArmourGuard™
AM	ApronMaxx®	Me	Mertect®
AVB	Avicta® Complete Beans	Mg	Magnum ST™ (standard)
CCB	Clariva™ Complete Beans	NCFI	N-Compass™ Plus F/I
CI	Clariva™ pn	None	untreated
CMB	CruiserMaxx® Beans	PV	Poncho®/Votivo®
CMBV	CruiserMaxx® Beans with Vibrance	SDPI	Servo™ DPI
DPHB	DPH Boost®	SFI	Stine XP fungicide & insecticide
DST	Dominance™ ST	SS	Soyshield™
DX	Defend™ Extra	SS+	Soyshield Plus™
EE	Evergol™ Energy	SStd	SureStand™
En	Encase®	TE	Trius™ Elite
G	Gaucho®	WCX	Warden® CX
Gr+	Great Start™ Max Plus		

* Seed treatments may include unspecified plant health promoting components.